

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

DBR No	Date
	2018
DATED	

No First and Final Bill

Division: **Project**

Sub-Division: **Project**

Bill Received No.

Dated

Divisional
Sub Divisional

Cash Book Voucher No..... Dated.....

Work Code: **005-19-000009**

Schedule Docket No. Head of Account:

Est.Cost- **100.00 Lakhs**

Name of Work: **Park development and Walking Track in Thirumenahalli Lake at Ward No 05 Jakkur**

Name of Contractor and Full Address: **Sri. T K Shankarappa (MESPC Infra Projects Private Limited)**

Reference to Agreement No: **86/2018-19**

Date: **05/03/2019**

Certified that the measurements were taken by me on **15/7/19** and recorded of Pages **1** of **1**
measurement Book No. **02/19-20-3825** and that the work is satisfactorily executed.

Contractor

Certified that the measurement were taken by me on **15-7-19** and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Officer-in-charge of work

II Memorandum of Payment

Sub-Division Officer

1) Total value of work done or supplies made as per account within		
2) Deduct amount to be held in reserve being percent Rs.....		
3) " " Balance		
4) Deduct Payment:		
a) Amount of previous payment as in the Office Cash Book Voucher		
No.....Dated.....S.D. No.....		
b) Payments } cost store or other material supplied.		
Now made } recovery of amount creditable to this/other work		
Amount paid on this bill Cheque / Cash.		
5) Balance being unpaid value of work done held in reserve.		
6) Deduct cash advance made on the Office cash Book Voucher No.....		
dated.....less adjustments.		
7) Net amount due to or from Contractor		
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		
Total amount payable		

Contractor's Signature

Received Rs..... (in words).....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

(For use in the Office)

Witness

1.

2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Audited & Admitted for Rs.

Stamp

Rs. 1,02,31,109/-
Rs. 4,97,112/- by Cheque
and Rs. 4,97,112/- by Adjustment

Accts. Supdt.
Project Division
B.B.M.P.

Executive Engineer
B.B.M.P.
Project Division
B.B.M.P.

BRUHAT BANGALORE MAHANAGARA PALIKE

PROJECT DIVISION-YALAHANKA

Project: Park development and Walking Track in Thirumenahalli Lake at Ward No 05 Jakkur

Name of Agency :- Sri.T K SHANKARAPPA (MESPC INFRA PROJECTS PRIVATE LIMITED)

Bill No : Ist and Final Bill

BOQ Sl.No	Description of work	Unit	BOQ Qty	Rate	Previous bill		Present bill		Total bill		Remarks
					Qty	Amount	Qty	Amount	Qty	Amount	
1	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum	67.59	344.07	0.00	0.00	66.05	22724.00	66.05	22724.10	
2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	32.475	5976.92	0.00	0.00	32.36	193428.00	32.36	193428.07	
3	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not less than 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 conforming to IS 2185 (Part) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications.	Cum	363.2	1107.01	0.00	0.00	363.16	402022.00	363.16	402022.00	
4	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.	Cum	53.65	6239.29	0.00	0.00	53.32	332679.00	53.32	332679.00	
5	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	17.6	281.93	0.00	0.00	17.60	4962.00	17.60	4962.00	
6	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	Sqm	45.6	92.06	0.00	0.00	44.8	4124.00	44.80	4124.00	
7	KSRB 15-18.3 : Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (P.No.123, I.No.15.75 of PW, P&I WTD SR 2018-19)	Sqm		70.19				0.00			Not Executed

8	Construction of embankment with approved material Gravel/Murum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murum, watering charges & compaction by vibratory roller to 95% of modified proctors density.	Cum	1920	373.99	0.00	0.00	0.00	1920.00	718061.00	1920.00	718061.00	
9	Cleaning and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications.	Sqm	6000	11.51	0.00	0.00	0.00	5999.56	69055.00	5999.56	69055.00	
10	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively. 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc., complete. As per the direction of Engineer incharge.	Nos	156	469.5	0.00	0.00	0.00	155.00	72773.00	155.00	72773.00	
11	Sand filling in wells complete as per drawing and technical specifications including cost of all materials, labour, HOM, form works, scaffolding & centering complete as per specifications.	Sqm	90	3172.58	0.00	0.00	0.00	89.85	285056.00	89.85	285056.00	
12	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 50mm nominal OD pipes	m	900	497.12	0.00	0.00	0.00	900.00	447408.00	900.00	447408.00	
13	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) with all lead and lift, loading and unloading and allover incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work	Sqm	360	2537.05	0.00	0.00	0.00	360.00	913338.00	360.00	913338.00	
14	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 65mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	42	2420	0.00	0.00	0.00	42.00	101640.00	42.00	101640.00	
15	Supplying Installing, testing and commissioning of hydraulically operated sprinkler cabit Valve with water meter gong bell and trims as required, pressure gauges drain Valve, ball Valves check valve, strainer etc-do-100 mm dia. Complete complete as per specifications.	Unit	42	821.63	0.00	0.00	0.00	42.00	34508.00	42.00	34508.00	

16	Manufacturing, supply & fixing of Retro-Reflective Road name sign board Single Arrow size 1.6x0.9m size made out if wide angle cube corner micro prismatic grade sheeting conforming to IRC 67:2010 & type XI standards of ASTM D 4956-09 specifications and fixed over 2mm thick aluminium sheet back support frame of stainless steel supported by 30 NB 1.2 mm thick stainless steel pipe all around and 65 NB 1.5mm thick pipe vertical post (AISI 202 Grade) firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 30cmx30cmx45cm etc. complete. The information message shall be made out of cut out letters in blue colour transparent overlay film as per IRC 67-2010 Guidelines, 7 years pre-qualification warranty for retro reflective sheeting from the original sheeting manufacturer and a certified copy of three years outdoor exposure report from an independent test lab for the product offered shall be submitted by the contractor. The sign board shall be Retro-Reflective Type XI.	Each	5	15301.34	0.00	0.00	5.00	76507.00	5.00	76507.00
17	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mix finished with flush pointing using white cement, including cost of materials, including cutting, grinding the edge to half/full round wherever required, labour, curing complete as per specification. (P.No. 112, I.No. 14.62 of PWD SR 2018-19)	Each	262.9	1417.71	0.00	0.00	262.90	372716.00	262.90	372716.00
18	Supply and Fixing of Pull Down Challenger. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at II the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to 1507227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV/CPSC, or SGS only. The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd	Each	1	260544	0.00	0.00	1.00	260544.00	1.00	260544.00

19	Supply and fixing of Seated Chest Press. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints 11H • scalloped as necessary and welded to an approved MIG process. All welds are 11T dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel (11 ca t Wall powder to the thickness of 80-120 microns. All metal parts are tested in m 1r a it spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely Pt' ssembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to mt•(•EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and	Each	1	249688	0.00	0.00	1.00	249688.00	1.00	249688.00
20	Supply and fixing of Self Weighted Rower. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must carry a	Each	1	179124	0.00	0.00	1	179124.00	1.00	179124.00
21	Supply and fixing of Elliptical Cross Trainer. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark-EN16630 Certificates must be in the name of tendering party and	Each	1	151984	0.00	0.00	1	151984.00	1.00	151984.00

22	Supply and Fixing of Rider. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. 5 Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark-EN16630 Certificate must be in the name of tendering party and not any 3rd party. All products	Each	1	97704	0.00	0.00	0.00	1	97704.00	1.00	97704.00	
23	Supply and Fixing of Bicycle. Metal: All tubular steel of 25mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel GreatWall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. each 1 125000 bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. Size_L x W x H): 1000 x	Each	2	135700	0.00	0.00	0.00	2	271400.00	2.00	271400.00	
24	Supply and Fixing of Arm & Pedal Bike. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. 5 Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. Size_L x W x H): 830 x 500 x 1450 mm. Weight: 32 Kg	Each	1	184552	0.00	0.00	0.00	1	184552.00	1.00	184552.00	

25	Supply and Fixing of Tai Chi Spinners . Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and	Each	1	124844	0.00	0.00	1	124844.00	1.00	124844.00
26	Supply and fixing of Twist Stepper. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-GreatWall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly	Each	1	195408	0.00	0.00	1	195408.00	1.00	195408.00
27	Supply and fixing of HD Health Walker. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of	Each	1	151984	0.00	0.00	1	151984.00	1.00	151984.00

28	Supply and fixing of HD Squat Pushing Metal/All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. 13 Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party.	Each	1	233404	0.00	0.00	1	233404.00	1.00	233404.00	Not Executed
29	Supply and fixing of HD Waist Twister. Metal: All tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. 13 Bearings: Maintenance-free ball bearings. Scope of delivery: 1 completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party.	Each	1	141128	0.00	0.00	1	141128.00	1.00	141128.00	Not Executed
30	Providing, fabricating and fixing Special Multiplex Systems consists of FRP moulded with Aluminium chequered platforms of size 5x5 ft with 4 support pillars made out of 75 mm dia G.I. "B" pipes fixed in cement concrete 1:2:4. The platforms are to be covered with pyramid shaped FRP roof. The platform is to be with tubular slide & Mini Aquava tunnel Slide made up of high quality FRP the slide is to be fixed at a height of 11ft and runs for a length of not less than twenty ft and the slide should be supported at regular intervals of 6ft using M.S pipes support and the platform ladder with 25mm dia MS pipes with suitable hand rails and steps made out of G.I sheet with tread 4" with powder coated finish, fine quality FRP with suitable design and as per drawing	Each	1	645932	0.00	0.00	0	0.00	0.00	0.00	Not Executed

31	Providing, fabricating and fixing of spiral climber of height not less than 10ft made out of 25mm dia MS pipe with Aluminium chequered plate platform of size 3x3 ft with 4 legs made out of 75mm dia G.I pipe fixed cement concrete 1:2:4. The platforms are to be covered with pyramid shaped FRP roof. The platform is to be fitted with single lane slide made up of high quality FRP the slide is fixed at a height of 9 ft and runs for a length of not less than 20ft the slide should be supported at regular interval of 4 ft using M.S pipes support powder coated, fine quality FRP with suitable design and as per drawing platforms should be placed at approximately 9 ft from ground level. Moulded FRP slides are non-corrosive, fade free, tough grade, durable hard and should	Each	1	195408	0.00	0.00	0	0.00	0.00	0.00	Not Executed
32	Providing fabricating and fixing Multiplay Special slider systems consisting of the plat form with 25mm dia MS pipe and Aluminium chequered plates of size 3x3 ft fitted at 7 ft height from ground level with 4 legs made out of 65mm dia G.I pipes fixed cement concrete 1:2:4. The plat forms is to be fitted with FRP wave slide spiral slide and standard slide with vertical ladder on one side each with GI sheet steps of treads 4" 25mm dia MS pipes with suitable Hand rails fixed at a height of 5 ft and runs for a length of not less than 12 ft the platforms are to be covered with pyramid Shape FRP roof this slide should be supported at regular intervals of 4 ft using MS pipes support powder coated fine quality FRP with suitable design and as per drawing Moulded FRP slides	Each	1	564512	0.00	0.00	0	0.00	0.00	0.00	Not Executed
33	Providing and fixing children play bridge with MS perforated tunnel and wave bridge and Arch bridge and hanging bridge made out of MS pipe and chequered plates uns for a height 11 ft to 5 ft the work should be executed as per the standard specification and direction of the engineer in charge of the with all lead and lift, loading and unloading and any incidental charges required for the successful completion of work (all swings chains are rubber coated & all 'S' hooks are stainless steel)	Each	1	130272	0.00	0.00	0	0.00	0.00	0.00	Not Executed
34	10HP 7.5KW Submersible Three Phase Pumps ATLANTA, SUGUNA, CRI, KIRLOSKAR and other equivalent Pumps	Each	1	51951.39	0.00	0.00	1.00	51951.00	1.00	51951.00	
35	Providing, fitting and fixing mild steel railing complete as per drawing and Technical Specification complete as per specifications	Rmtr	120	3035.64	0.00	0.00	120.00	364277.00	120.00	364277.00	
36	Providing and fixing Cement Concrete Benches with Base, Back rest and Pedestals of size, Shape and Design including Transportation and with lead and lift, loading and unloading, Earthwork excavation and fixing in 1:4:8 (wherever necessary) and curing etc., complete as per standard Specification and direction of engineer in charge.	Nos	30	11409.66	0.00	0.00	29.00	330880.00	29.00	330880.00	
37	Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in hard soil, exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications.	Cum	66.3	606.35	0.00	0.00	64.86	39328.00	64.86	39328.00	
38	Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications.	Cum	2.8395	5871.06	0.00	0.00	2.41	14135.00	2.41	14135.00	

39	Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.460 cum, with super plasticisers @ 3 liters conforming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillers, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications.	Cum	3.34125	6512.02	0.00	0.00	0.00	3.34	21758.00	3.34	21758.00	
40	Fabricating, supplying and erection of ...Mtrs long hot dip Galvanized Conical pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, Bakelite sheet and MCBs as per IS specifications suitable to withstand the wind speed of 47 m/sec for Mtrs pole in single section and single joint welded as per IS- 9595/IS 10178AWS having dimensions bottom mm, top.....mm with 3mm thick, suitable base plate and 4Nos of long J bolts along with template and the pole shall be hot dip galvanized in single dipping with not less than 65micron as per ASTM-A123 and 153 etc.,(excluding foundation) as per drawing appended. 7 meters - Top 75mm and bottom 145 mm dia	Each	30	15241.82	0.00	0.00	0.00	30.00	457255.00	30.00	457255.00	
41	Supplying of 1.1 KV class UG cable in having aluminium conductor PVC insulated, sheathed, galvanised, steel wire/steel tap armoured cable with PVC outer sheathing 1.1 KV class	Per Mtr	1390	128.97	0.00	0.00	0.00	1,390.00	179268.00	1390.00	179268.00	
42	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete	Per Mtr	1390	92.28	0.00	0.00	0.00	1,390.00	128269.00	1390.00	128269.00	
43	Labour charges for laying of UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.	Per Mtr	1390	11.72	0.00	0.00	0.00	1,390.00	16291.00	1390.00	16291.00	
44	Supplying and fixing of heavy duty cable glands suitable or UG cable o 1.1KV class (metal only)	Each	30	93.36	0.00	0.00	0.00	30.00	2801.00	30.00	2801.00	
45	Supplying timnd copper lugs and crimping and wiring to terminal point for wire of the following sizes	Each	30	8.3	0.00	0.00	0.00	30.00	249.00	30.00	249.00	
46	Supplying, and fixing of Hot dip Galvanized M.S.Bracket suitable for out door luminaires and mounted on Octagonal pole using necessary bolts, nuts etc., complete.Single Arm Bracket with 1500mm Standard 40/50MM dia	Each	30	2605.44	0.00	0.00	0.00	30.00	78163.00	30.00	78163.00	

47	LED Street light. Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs. 50000 hr. @ Lumen Maintenance of 70% CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4 KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application.)Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. 2)110 Watts	Each	30	37170.94	0.00	0.00	30.00	1115128.00	30.00	1115128.00	
48	Supply, installation, testing and commissioning of STREET LIGHT PANEL made up of 16SWG CRCA sheet for body and 14 SWG CRCA sheet for door, outdoor type, floor mounting, powder coated, Degree of projection IP56, with necessary hard ware, interconnection wiring & accessories complete comprising of the following Incoming : 63A 4P 10KA MCB + 2 nos. 32A 3P AC1 contactor + 2 nos. 24hrs Timer Outgoings :18 Nos 20A 10KA SP MCB	Each	6	4885.2	0.00	0.00	6.00	29311.00	6.00	29311.00	29311.00
E1	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	32.4	5288.78	0.00	0.00	32.40	171357.00	32.40	171357.00	171357.00
E2	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (Page No. 255/ Item No. 37.2)	mtr	57.6	988.48	0.00	0.00	57.60	56937.00	57.60	56937.00	56937.00

